

50X1-HUM

SUPPLEMENT TO
REPORT NO.

THIS IS UNEVALUATED INFORMATION

DEVELOP METHOD FOR DOMESTIC PRODUCTION OF ERGOSTERIN

A far-reaching innovation has been developed in the penicillin-manufacturing division of the Chinoin enterprise. Penicillin is one of the factory's most important products. During the process of manufacturing the drug, a by-product, miceliium, is produced, which was previously disposed of in large quantities as waste. The penicillin-shop's technical manager, Tibor Vadkerti, and two chemical engineers, Lorand Sardi and Arpad Buzna, began a series of experiments, as a result of which they were able to extract ergosterin from the miceliium. Most of the ergosterin -- the basic compound of Vitamin D2 -- used in Hungary had to be imported from abroad.

Large-scale domestic production of ergosterin was started on 16 August 1951.

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